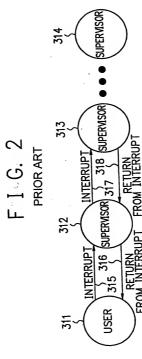
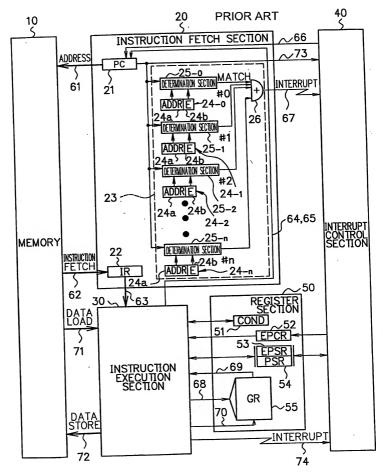
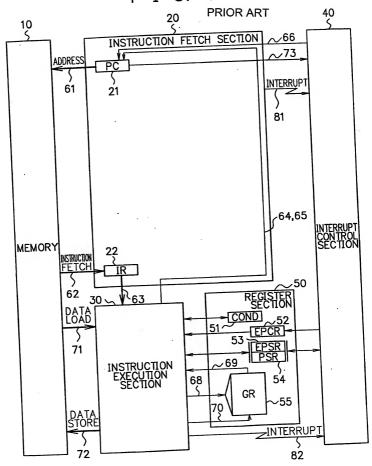
F I G. 1 PRIOR ART 301 SOLUTION STATE OF THE PRIOR ART 303 INTERRUPT USER 303 SOLUTION INTERPOLITY RETURN INTERPOLITY TO SOLUTION INTERPOLI



F I G. 3



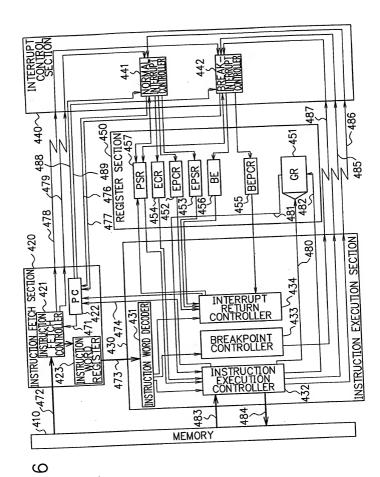
F I G. 4



F I G. 5

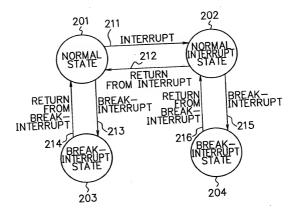
PRIOR ART

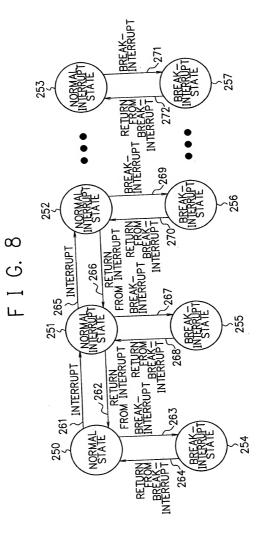
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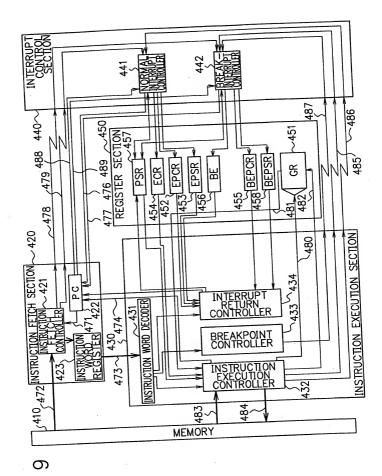


F I G.

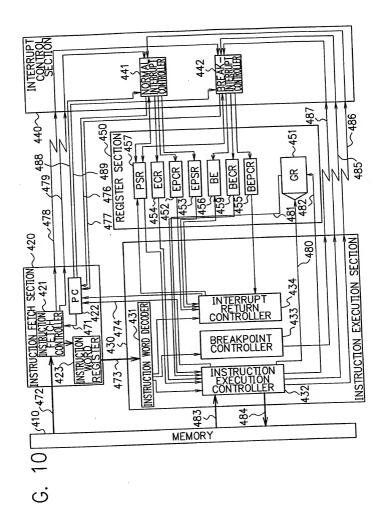
F I G. 7



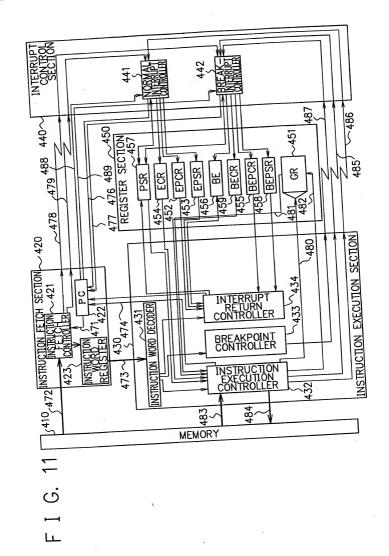


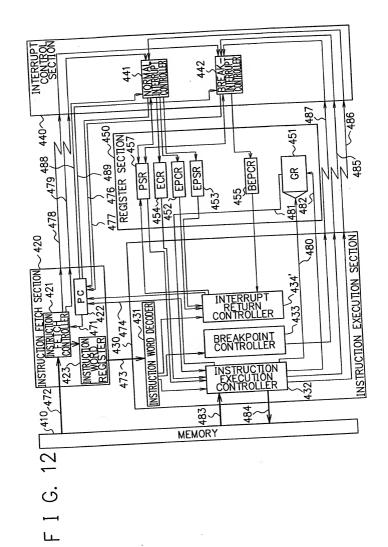


F I G.



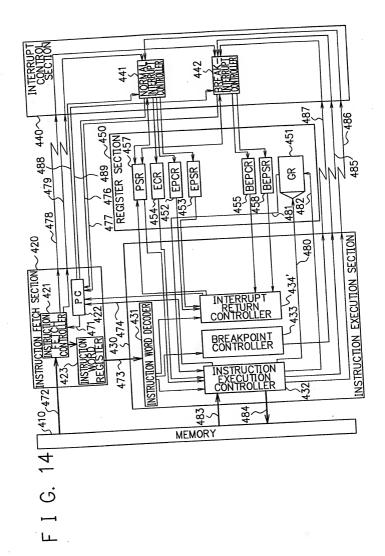
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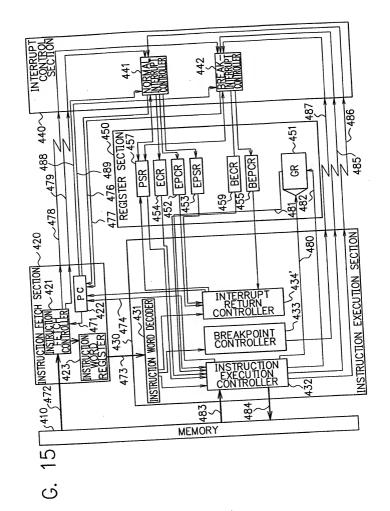




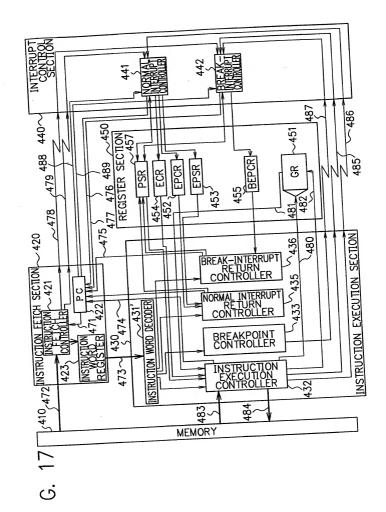
F I G. 13

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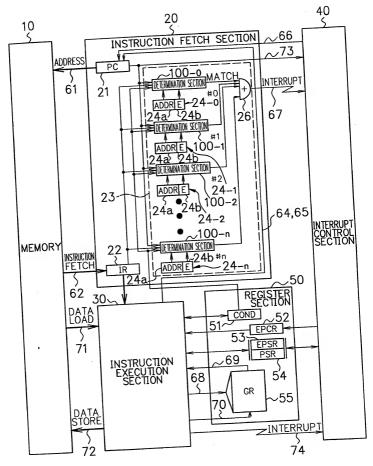


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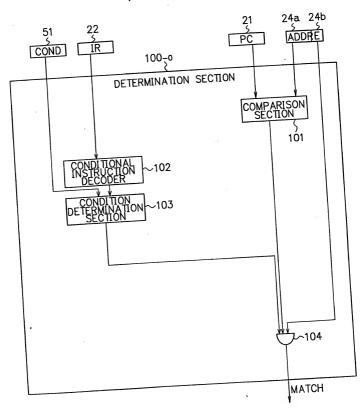


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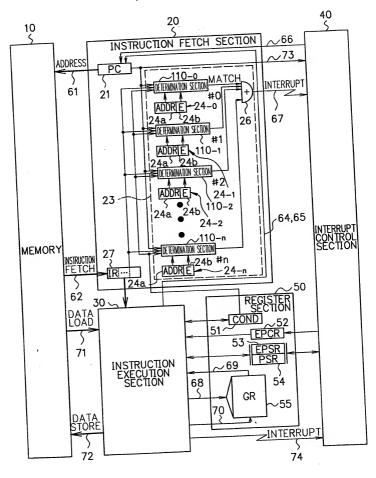
F I G. 18



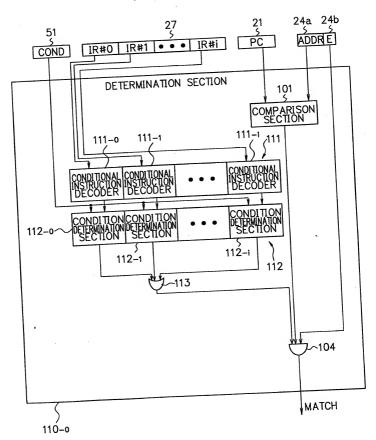
F I G. 19



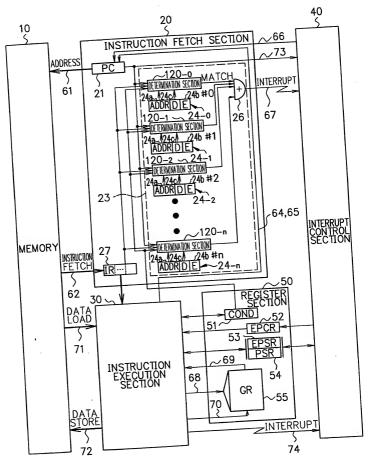
F I G. 20



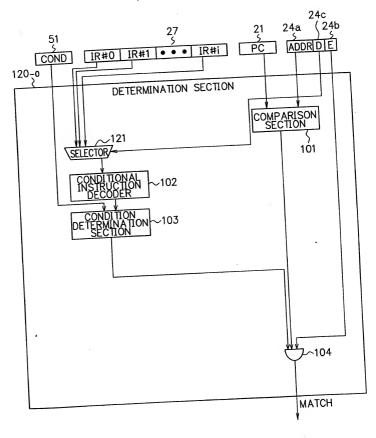
F I G. 21



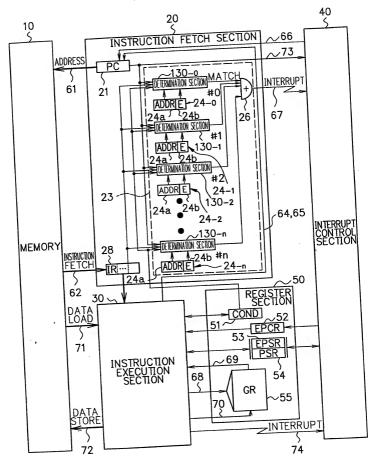
F I G. 22



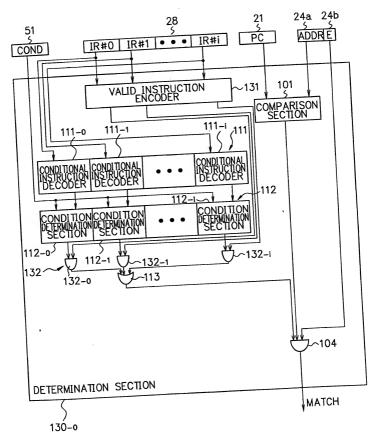
F I G. 23



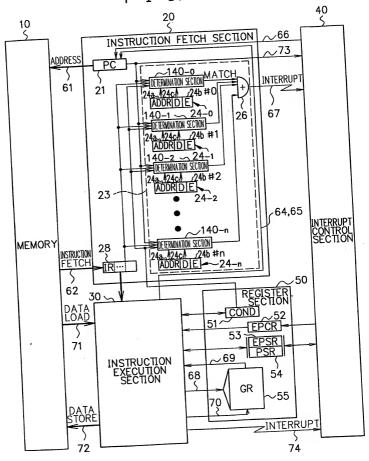
F I G. 24



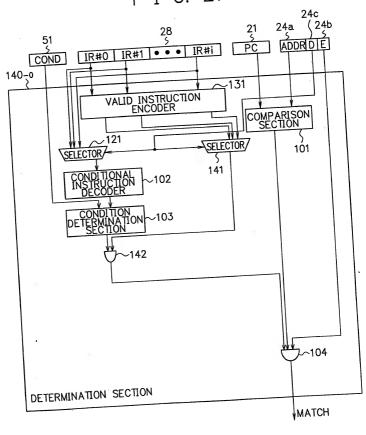
F I G. 25



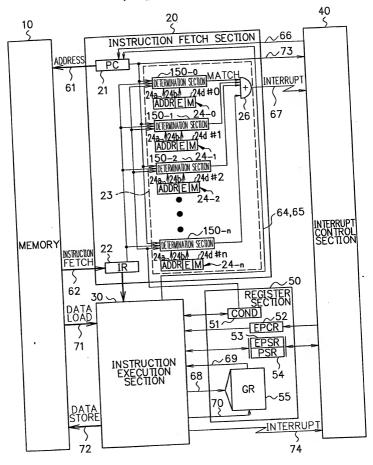
F I G. 26



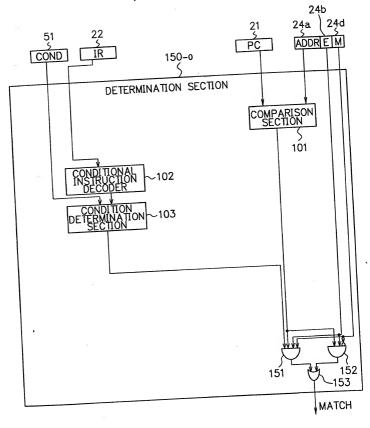
F I G. 27



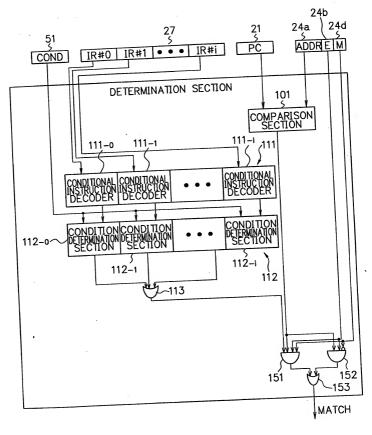
F I G. 28



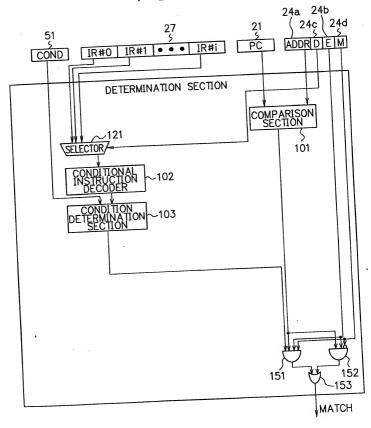
F I G. 29



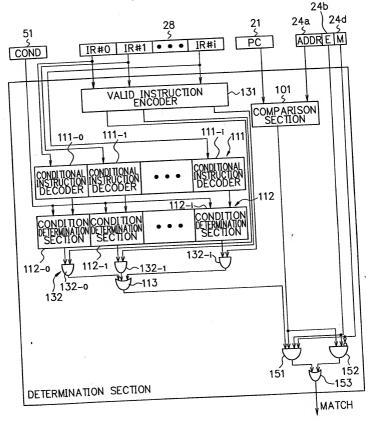
F I G. 30



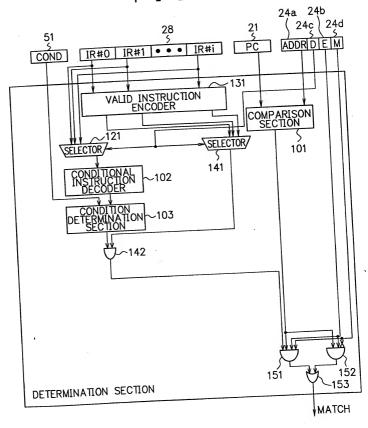
F I G. 31



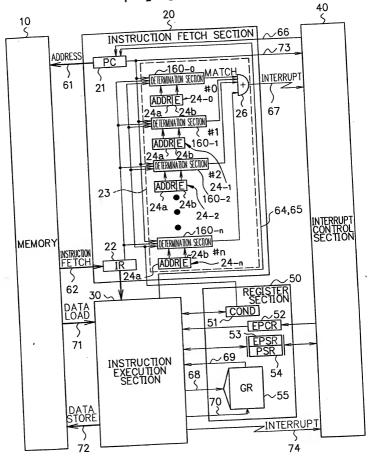
F I G. 32



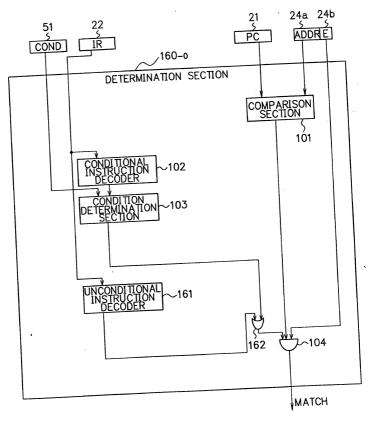
F I G. 33



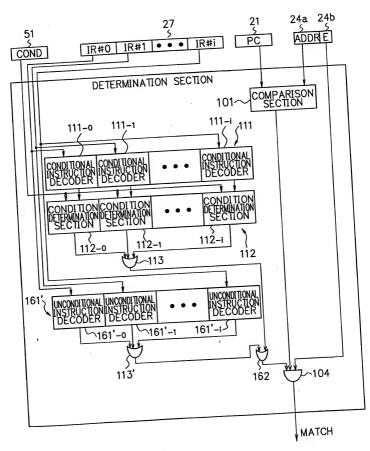
F I G. 34



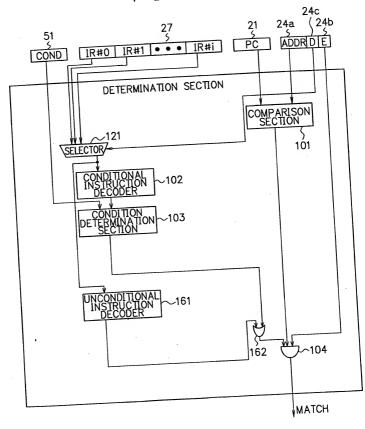
F I G. 35



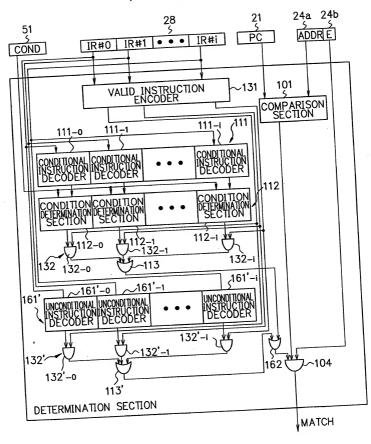
F I G. 36



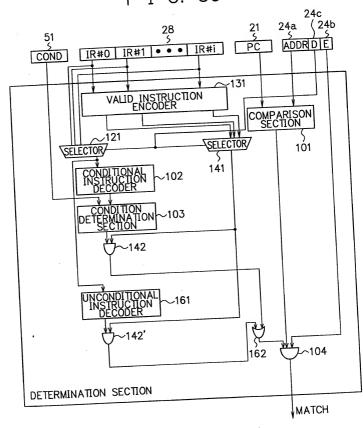
F I G. 37



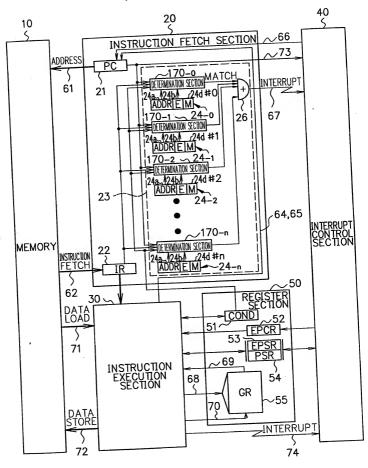
F I G. 38



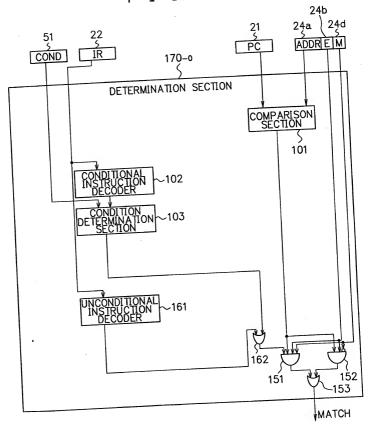
F I G. 39



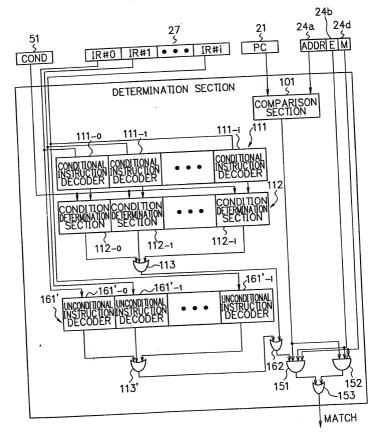
F I G. 40



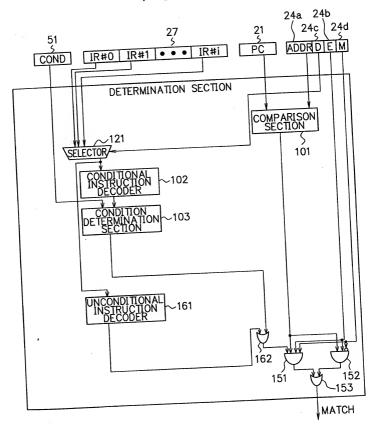
F I G. 41



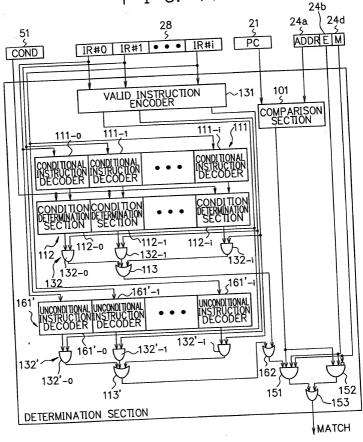
F I G. 42



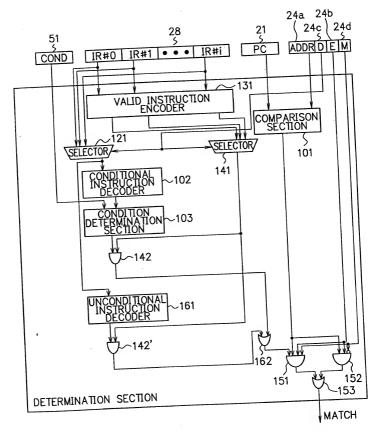
F I G. 43



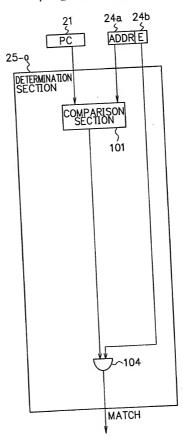
F I G. 44



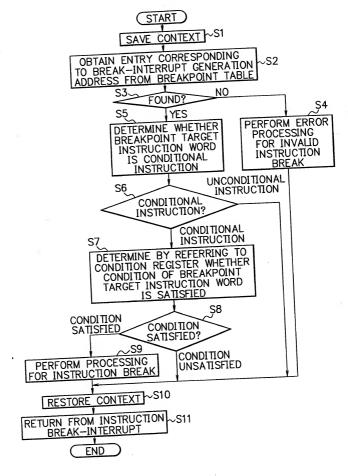
F I G. 45



F I G. 46



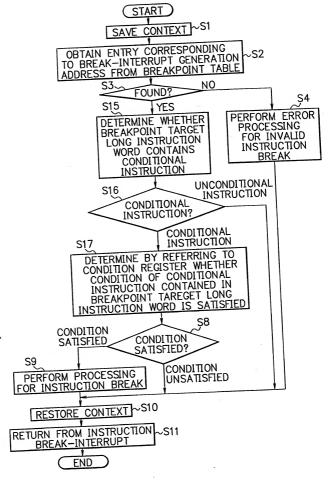
F I G. 47



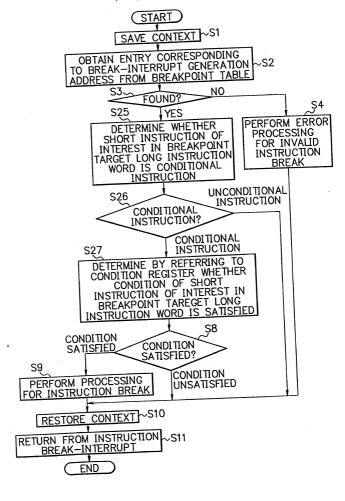
F I G. 48

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#0		
#1		
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F I G. 49



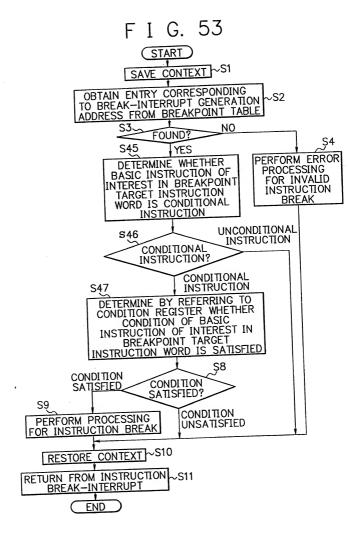
F I G. 50

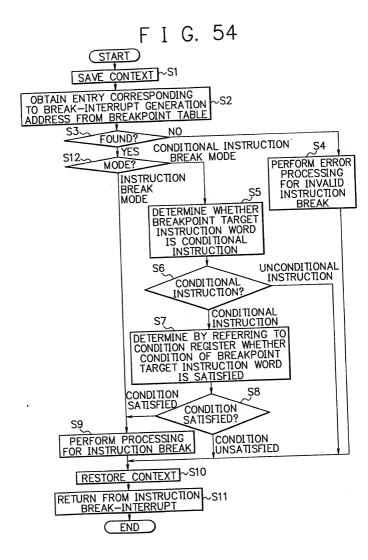


F I G. 51

	VALID	ADDRESS	DISP
#0			
#1			
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:	:	:	<u>:</u>
#n			_

F I G. 52 START SAVE CONTEXT ~S1 OBTAIN ENTRY CORRESPONDING TO BREAK-INTERRUPT GENERATION ADDRESS FROM BREAKPOINT TABLE NO S3. FOUND? Ş4 S35 YES PERFORM ERROR DETERMINE WHETHER **PROCESSING** BREAKPOINT TARGET FOR INVALID INSTRUCTION WORD INSTRUCTION CONTAINS CONDITIONAL BREAK INSTRUCTION UNCONDITIONAL S36 INSTRUCTION CONDITIONAL INSTRUCTION? CONDITIONAL INSTRUCTION S37 DETERMINE BY REFERRING TO CONDITION REGISTER WHETHER CONDITION OF CONDITIONAL INSTRUCTION CONTAINED IN BREAKPOINT TARGET INSTRUCTION WORD IS SATISFIED CONDITION CONDITION SATISFIED SATISFIED? CONDITION PERFORM PROCESSING UNSATISFIED FOR INSTRUCTION BREAK RESTORE CONTEXT ~S10 RETURN FROM INSTRUCTION S11 BREAK-INTERRUPT **END**



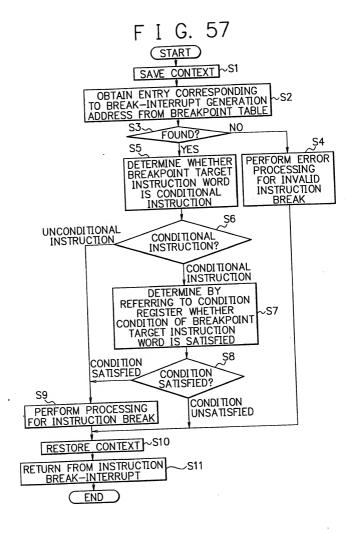


F I G. 55

	VALID	ADDRESS	MODE
#0			
#1			
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F I G. 56

1	VALID	ADDRESS	DISP	MODE			
#0							
#1							
:	:	:					
:	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
#n	i						



F I G. 58 START SAVE CONTEXT ~S1 OBTAIN ENTRY CORRESPONDING TO BREAK-INTERRUPT GENERATION ADDRESS FROM BREAKPOINT TABLE N₀ Ş4 FOUND? PERFORM ERROR YES CONDITIONAL INSTRUCTION PROCESSING BREAK MODE S12 \ MODE? FOR INVALID INSTRUCTION INSTRUCTION **BREAK** S5. BREAK DETERMINE WHETHER MODE BREAKPOINT TARGET INSTRUCTION WORD IS CONDITIONAL INSTRUCTION **S6** UNCONDITIONAL CONDITIONAL INSTRUCTION INSTRUCTION? CONDITIONAL S7. INSTRUCTION DETERMINE BY REFERRING TO CONDITION REGISTER WHETHER CONDITION OF BREAKPOINT TARGET INSTRUCTION WORD IS SATISFIED Ş8 CONDITION CONDITION SATISFIED SATISFIED? PERFORM PROCESSING CONDITION FOR INSTRUCTION BREAK LUNSATISFIED RESTORE CONTEXT ~S10 RETURN FROM INSTRUCTION S11 BREAK-INTERRUPT

END

F I G. 59

	VALID	ADDRESS	DISP	INSTRUCTION
#0				
#1 :		:	:	:
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F I G. 60

	VALID	ADDRESS	MODE	INSTRUCTION
#0				+
#1 :	:	:	:	:
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#n				

F I G. 61

·	VALID	ADDRESS	DISP	MODE	INSTRUCTION
	VALID	ADDITEOU	0.0.		
#0					
#1					
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#n				1	
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